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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Joel R. DUFRESNE et al. Group Art Unit: 1774  
Serial No.: 10/682,597 Examiner: Lyle Alexander  
Confirmation No.: 9772  
Filed: 9 October 2003 Docket No.: 58663US002

Title: MULTILAYER PROCESSING DEVICES AND METHODS

**Mail Stop Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

We are transmitting the following documents along with this Transmittal Sheet (which is submitted in triplicate):

- An itemized return postcard.
- A Petition for Extension of Time for \_\_\_ month(s) and a check in the amount of \$\_\_\_ for the required fee.
- An Information Disclosure Statement (2 pgs); copies of 0 applications; 1449 forms (3 pgs); and copies of 13 documents cited on the 1449 forms.
- A request for continued examination (RCE) and a check in the amount of \$\_\_\_, for the required filing fee.
- An Appeal Brief and a check in the amount of \$\_\_\_, for the required Appeal Brief filing fee.
- A check in the amount of \$\_\_\_, for \_\_\_.
- A certified copy of a \_\_\_ application, Serial No. \_\_, filed \_\_\_\_\_, the right of priority of which is claimed under 35 U.S.C. §119.
- Other: \_\_\_\_\_
- Amendment \_\_\_ No Additional fee is required. \_\_\_ The fee has been calculated as shown:

Fee Calculation for Claims Pending After Amendment					
	Pending Claims after Amendment (1)	Claims Paid for Earlier (2)	Number of Additional Claims (1-2)	Cost per Additional Claim	Additional Fees Required
Total Claims				x \$50 =	
Independent Claims				x \$200 =	
One or More New Multiple Dependent Claims Presented? If Yes, Add \$360 Here →					
Total Additional Claim Fees Required					

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 13-4895. Triplicate copies of this sheet are enclosed.

**CERTIFICATE UNDER 37 C.F.R. §1.8:** The undersigned hereby certifies that this Transmittal Letter and the paper(s), as described hereinabove, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 10th day of May, 2006.

MUETING, RAASCH & GEBHARDT, P.A.  
Customer Number: 26813

By: *Kevin W. Raasch*  
Kevin W. Raasch  
Reg. No.: 35,651  
Direct Dial: 612-305-1218  
Facsimile: 612-305-1228



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Serial No.:	10/682,597	)	Examiner:	Lyle Alexander
Confirmation No.:	9772	)		
		)		
Filed:	9 October 2003	)		
		)		
For:	<u>MULTILAYER PROCESSING DEVICES AND METHODS</u>			

**INFORMATION DISCLOSURE STATEMENT**

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application. Per M.P.E.P. § 609, the information cited in the present Information Disclosure Statement shall not be construed to be an admission that the information is, or is considered to be, material to patentability. Consideration of each of the documents listed on the attached 1449 forms is respectfully requested. Pursuant to the provisions of M.P.E.P. §609, Applicants further request that a copy of the 1449 forms, marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

It is believed that no fee is due, as this Information Disclosure Statement is filed prior to the receipt of any Action on the merits. However, in the event a fee is due, please charge any fee or credit any overpayment to Account No. 13-4895.



**Information Disclosure Statement**

Serial No.: 10/682,597

Confirmation No.: 9772


Filed: 9 October 2003

For: MULTILAYER PROCESSING DEVICES AND METHODS

The Examiner is invited to contact Applicants' Representatives at the below-listed telephone number, if they can be of any assistance during prosecution of the present application.

**CERTIFICATE UNDER 37 C.F.R. 1.8:**

The undersigned hereby certifies that this Transmittal Letter and the paper(s), as described hereinabove, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: **Mail Stop Amendment**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 10th day of May, 2006.

Signature: 

Name: KEVIN W. RAASCH

10 MAY 2006  
Date

Respectfully submitted

By

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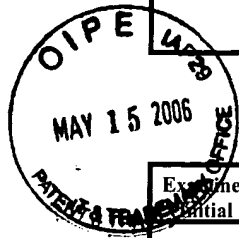
By: 

Kevin W. Raasch

Reg. No. 35,651

Direct Dial (612)305-1218

<b>INFORMATION DISCLOSURE STATEMENT</b>	<b>Atty. Docket No.:</b> 58663US002	<b>Serial No.:</b> 10/682,597
	<b>Applicant(s):</b> Joel R. DUFRESNE et al.	<b>Confirmation No.:</b> 9772
	<b>Application Filing Date:</b> 9 October 2003	<b>Group:</b> 1774
	Information Disclosure Statement mailed: May <u>10</u> , 2006	



**U.S. PATENT DOCUMENTS**

Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		3,856,470	12/24/74	Cullis et al.			
		4,390,499	06/28/83	Curtis et al.			
		4,632,908	12/30/86	Schultz			
		4,673,657	06/16/87	Christian			
		4,806,316	02/21/89	Johnson et al.			
		5,154,888	10/13/92	Zander et al.			
		5,219,526	06/15/93	Long			
		5,229,297	07/20/93	Schnipelsky et al.			
		5,248,479	09/28/93	Parsons et al.			
		5,254,479	10/19/93	Chemelli			
		5,258,163	11/02/93	Krause et al.			
		5,288,463	02/22/94	Chemelli			
		5,310,523	05/10/94	Smethers et al.			
		5,422,271	06/06/95	Chen et al.			
		5,587,128	12/24/96	Wilding et al.			
		5,643,738	07/01/97	Zanzucchi et al.			
		5,726,026	03/10/98	Wilding et al.			
		5,804,141	09/08/98	Chianese			
		5,811,296	09/22/98	Chemelli et al.			
		5,833,923	11/10/98	McClintock et al.			
		5,863,502	01/26/99	Southgate et al.			
		5,863,801	01/26/99	Southgate et al.			
		5,876,675	03/02/99	Kennedy			

<b>EXAMINER</b>	<b>Date Considered</b>
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\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE STATEMENT</b>	<b>Atty. Docket No.:</b> 58663US002	<b>Serial No.:</b> 10/682,597
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	<b>Information Disclosure Statement mailed:</b> May <u>10</u> , 2006	

Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		5,955,028	09/21/99	Chow			
		6,399,025 B1	06/04/02	Chow			
		6,413,782 B1	07/02/02	Parce et al.			
		6,627,159 B1	09/30/03	Bedingham et al.			
		6,814,935 B2	11/09/04	Harms et al.			
		2004/0121471 A1	06/24/04	Dufresne et al.			

### FOREIGN PATENT DOCUMENTS

Examiner Initial	Copy Enclosed	Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	X	EP 0 402 994 B1	11/30/94	EPO				
	X	EP 0 693 560 A2, A3	01/24/96	EPO				
	X	WO 94/26414 A1	11/24/94	WIPO				
	X	WO 96/15576 A1	05/23/96	WIPO				
	X	WO 96/34028 A1	10/31/96	WIPO				
	X	WO 96/34029 A1	10/31/96	WIPO				
	X	WO 97/21090 A1	06/12/97	WIPO				
	X	WO 99/44740 A1	09/10/99	WIPO				
	X	WO 01/07892 A1	02/01/01	WIPO				

### OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Copy Enclosed	Document Description
	X	<i>Handbook of Pressure Sensitive Adhesive Technology</i> , Donatas Satas (Ed.) 2 <sup>nd</sup> Edition, Title page, p. 172, and FIG. 8-16 on p. 173, Van Nostrand Reinhold, New York, NY, 1989 (2 pgs).

<b>EXAMINER</b>	<b>Date Considered</b>
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Examiner Initial	Copy Enclosed	Document Description
	X	Sobieski et al., "18. Silicone Pressure Sensitive Adhesives," <i>Handbook of Pressure Sensitive Adhesive Technology</i> , Donatas Satas (Ed.) 2 <sup>nd</sup> Edition, Van Nostrand Reinhold, New York, Title page and p. 508-517 (6 pgs).
	X	<i>Test Methods for Pressure Sensitive Adhesive Tapes</i> , Pressure Sensitive Tape Council, 1996, Title page, Table of Contents, and page 6 (3 pgs).
	X	Unger et al., "Monolithic Microfabricated Valves and Pumps by Multilayer Soft Lithography," <i>Science</i> , 7 April 2000, Vol. 288:113-116.

<b>EXAMINER</b>	<b>Date Considered</b>
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